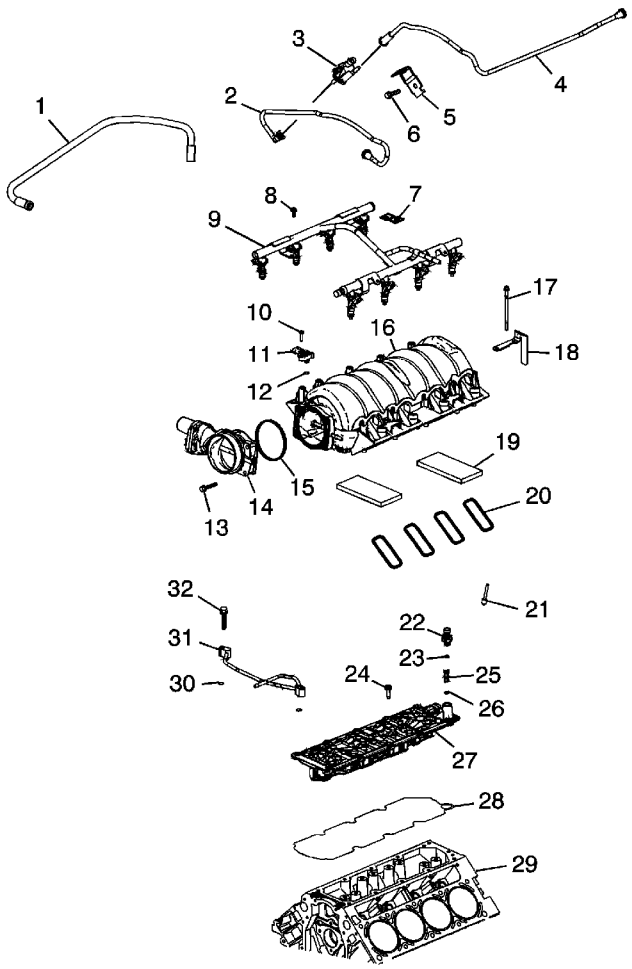
Intake Manifold/Upper Engine



(1) Positive Crankcase Ventilation (PCV) Tube - Dirty Air
(2) Evaporative Emission (EVAP) Canister Purge Tube
(3) EVAP Canister Purge Solenoid Valve
(4) EVAP Canister Purge Tube
(5) EVAP Purge Valve Bracket
(6) Bolt
(7) Fuel Rail Ground Strap
(8) Bolt
(9) Fuel Rail with Injectors
(10) Manifold Absolute Pressure (MAP) Sensor Bolt
(11) Manifold Absolute Pressure (MAP) Sensor

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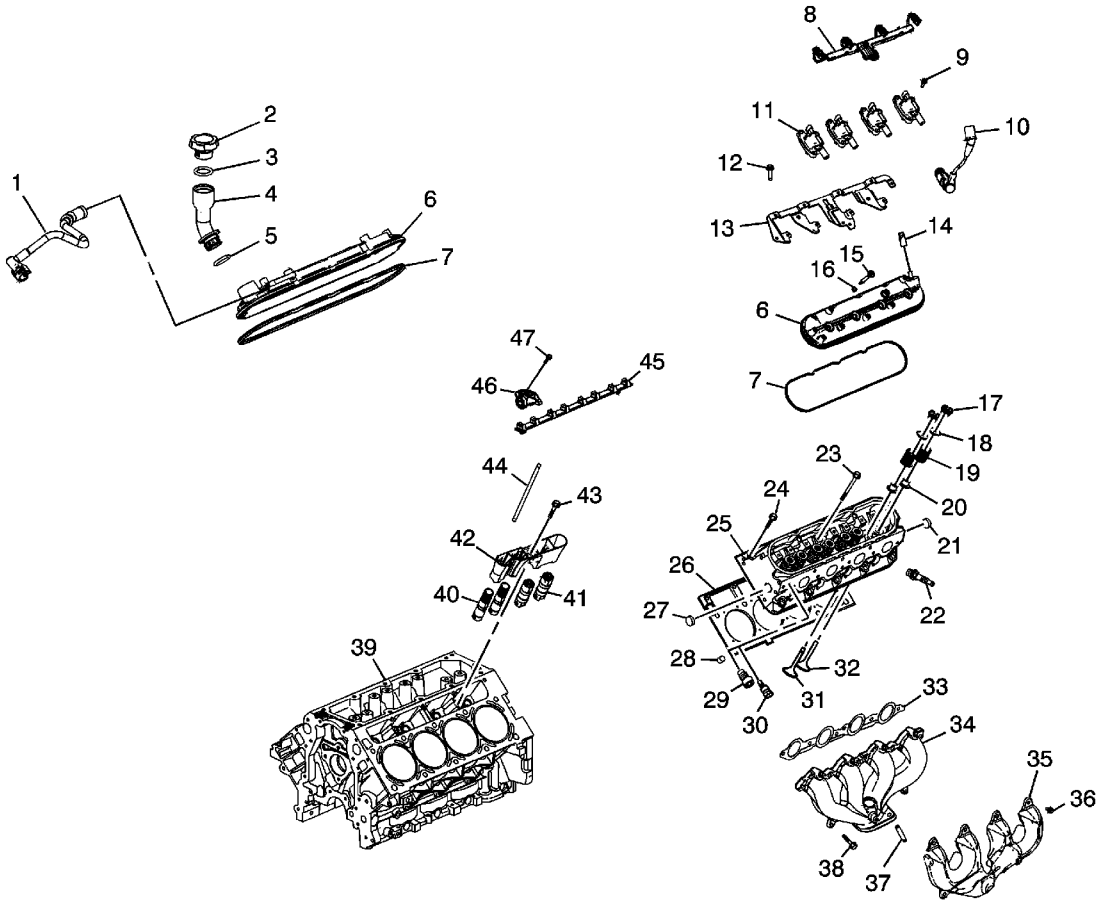
(12) Seal
(13) Bolt
(14) Throttle Body
(15) Throttle Body Gasket
(16) Intake Manifold
(17) Bolt
(18) Fuel Injection Fuel Rail Stop Bracket
(19) Seal
(20) Intake Manifold Gasket
(21) Engine Coolant Air Bleed Plug
(22) Oil Pressure Sensor
(23) Washer
(24) Bolt
(25) Filter
(26) O-Ring
(27) Valve Lifter Oil Manifold (VLOM)
(28) VLOM Gasket
(29) Engine Block
(30) Seal
(31) Engine Coolant Air Bleed Pipe
(32) Bolt

Cylinder Head / Upper Engine



(1) Positive Crankcase Ventilation (PCV) Hose - Fresh Air
(2) Oil Fill Cap
(3) O-Ring
(4) Oil Fill Tube
(5) O-Ring
(6) Valve Rocker Arm Cover
(6) Valve Rocker Arm Cover
(7) Valve Rocker Arm Cover Gasket
(7) Valve Rocker Arm Cover Gasket
(8) Ignition Coil Wire Harness Assembly
(9) Bolt

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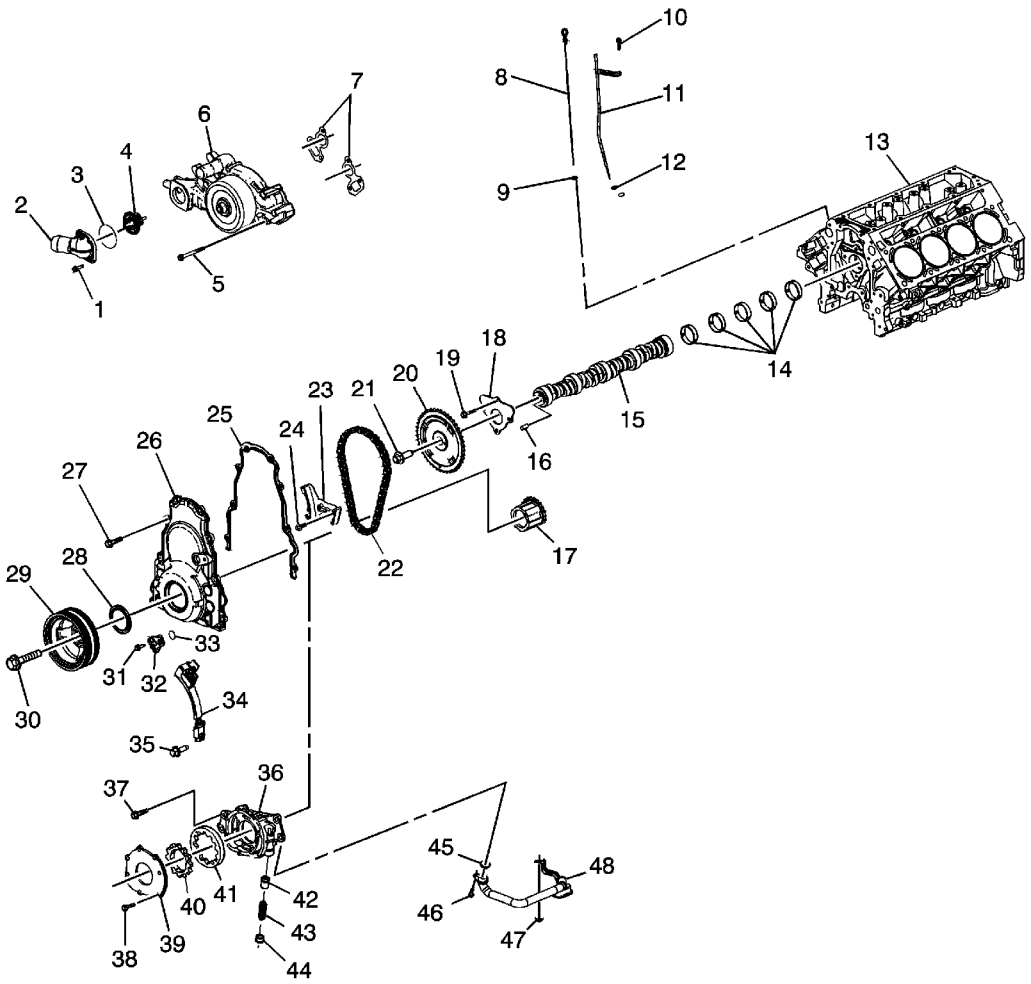
(10) Spark Plug Wire
(11) Ignition Coil
(12) Bolt
(13) Ignition Coil Bracket
(14) Plug
(15) Bolt
(16) Bolt Grommet
(17) Valve Stem Key
(18) Valve Spring Cap
(19) Valve Spring
(20) Valve Stem Oil Seal
(21) Core Hole Plug
(22) Spark Plug
(23) Cylinder Head Bolt - M11
(24) Cylinder Head Bolt - M8
(25) Cylinder Head
(26) Cylinder Head Gasket
(27) Core Hole Plug
(28) Cylinder Head Locating Pin
(29) Cylinder Head Plug
(30) Coolant Temperature Sensor (CTS)
(31) Exhaust Valve
(32) Intake Valve
(33) Exhaust Manifold Gasket
(34) Exhaust Manifold
(35) Exhaust Manifold Heat Shield
(36) Bolt
(37) Stud
(38) Bolt
(39) Engine Block
(40) Valve Lifter - Active Fuel Management
(41) Valve Lifter - Non-Active Fuel Management
(42) Valve Lifter Guide
(43) Bolt
(44) Pushrod
(45) Valve Rocker Arm Pivot Support
(46) Valve Rocker Arm
(47) Bolt

Front of Engine



(1) Bolt
(2) Water Inlet Housing
(3) O-Ring
(4) Thermostat
(5) Bolt
(6) Water Pump
(7) Water Pump Gasket
(8) Oil Level Indicator
(9) O-Ring
(10) Bolt
(11) Oil Level Indicator Tube

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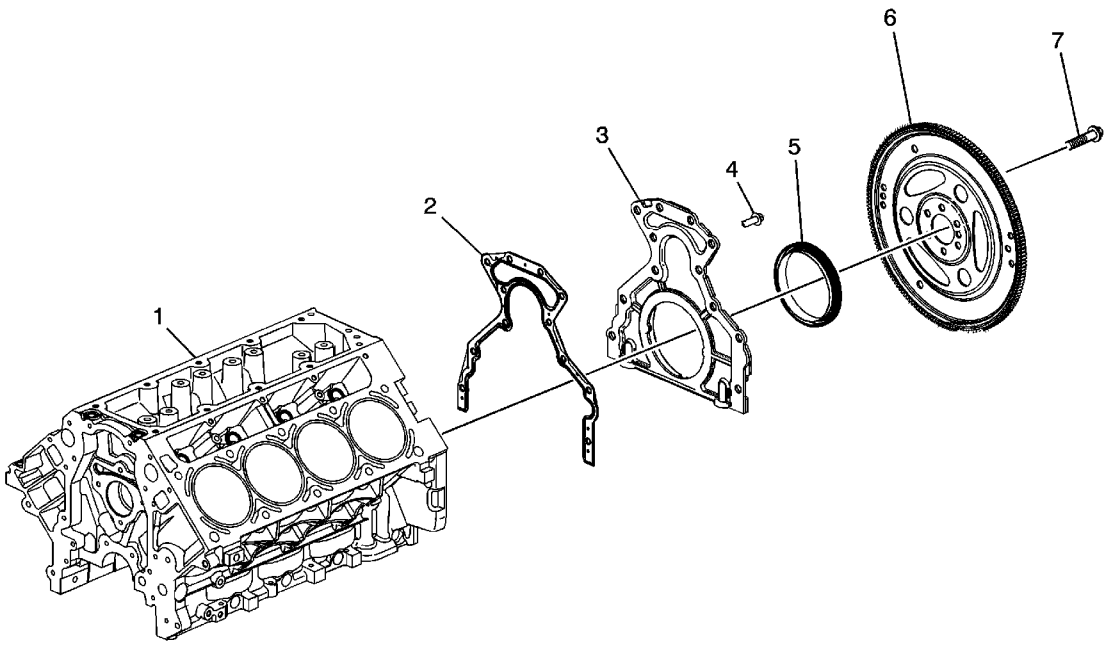
(12) O-Ring
(13) Engine Block
(14) Camshaft Bearings
(15) Camshaft
(16) Camshaft Sprocket Locating Pin
(17) Crankshaft Sprocket
(18) Camshaft Retainer
(19) Bolt
(20) Camshaft Sprocket
(21) Bolt
(22) Timing Chain
(23) Timing Chain Tensioner
(24) Bolt
(25) Engine Front Cover Gasket
(26) Engine Front Cover
(27) Bolt
(28) Crankshaft Front Oil Seal
(29) Crankshaft Balancer
(30) Crankshaft Balancer Bolt
(31) Bolt
(32) Camshaft Position (CMP) Sensor
(33) O-Ring
(34) CMP Sensor Wire Harness
(35) Bolt
(36) Oil Pump Housing
(37) Bolt
(38) Bolt
(39) Oil Pump Housing Cover
(40) Oil Pump Drive Gear
(41) Oil Pump Driven Gear
(42) Oil Pump Pressure Relief Valve
(43) Spring
(44) Oil Pump Housing Plug
(45) O-Ring
(46) Bolt
(47) Nut
(48) Oil Pump Screen

Rear of Engine



(1) Engine Block
(2) Crankshaft Rear Oil Seal Housing Gasket
(3) Crankshaft Rear Oil Seal Housing
(4) Crankshaft Rear Oil Seal Housing Bolt
(5) Crankshaft Rear Oil Seal
(6) Flex Plate - Automatic Transmission
(7) Flywheel Bolt

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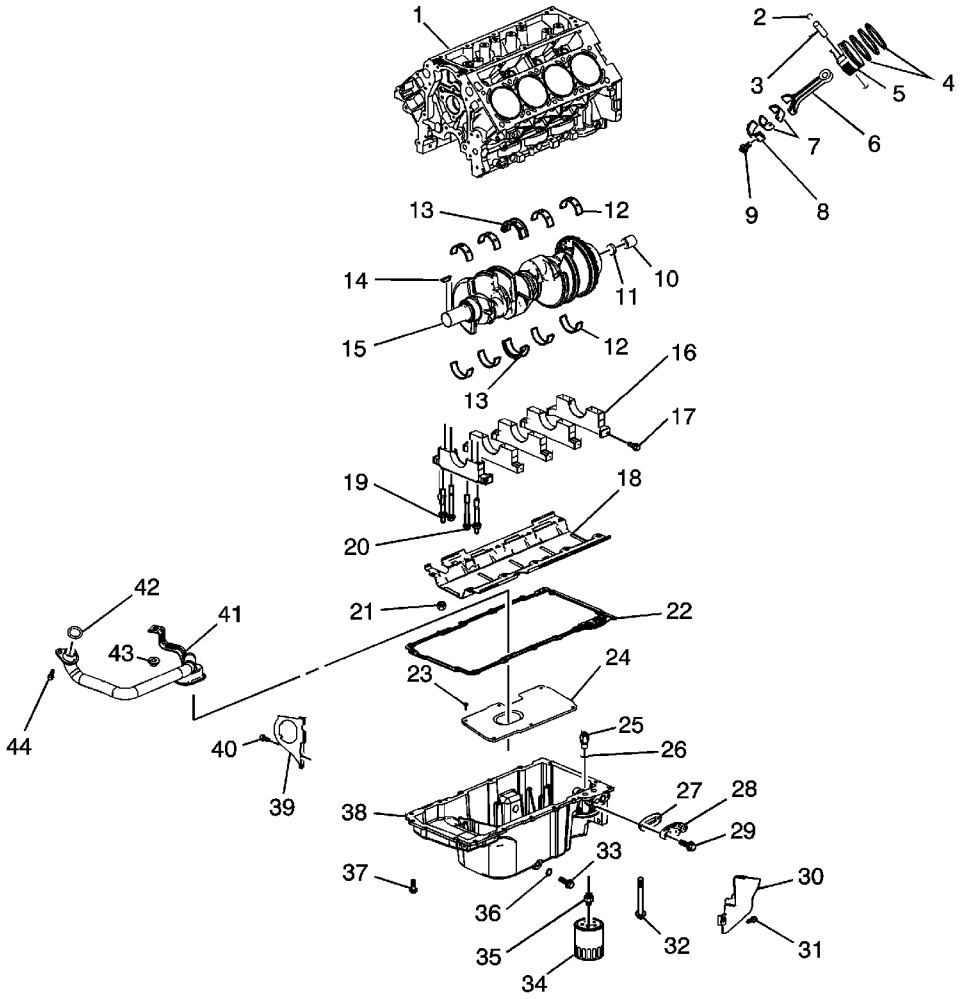
Lower Engine Assembly



(1) Engine Block
(2) Piston Pin Retainer
(3) Piston Pin
(4) Piston Ring Set
(5) Piston
(6) Connecting Rod
(7) Connecting Rod Bearings
(8) Connecting Rod Cap
(9) Connecting Rod Bolt
(10) Transmission Pilot Bearing - Manual Transmission
(11) Plug

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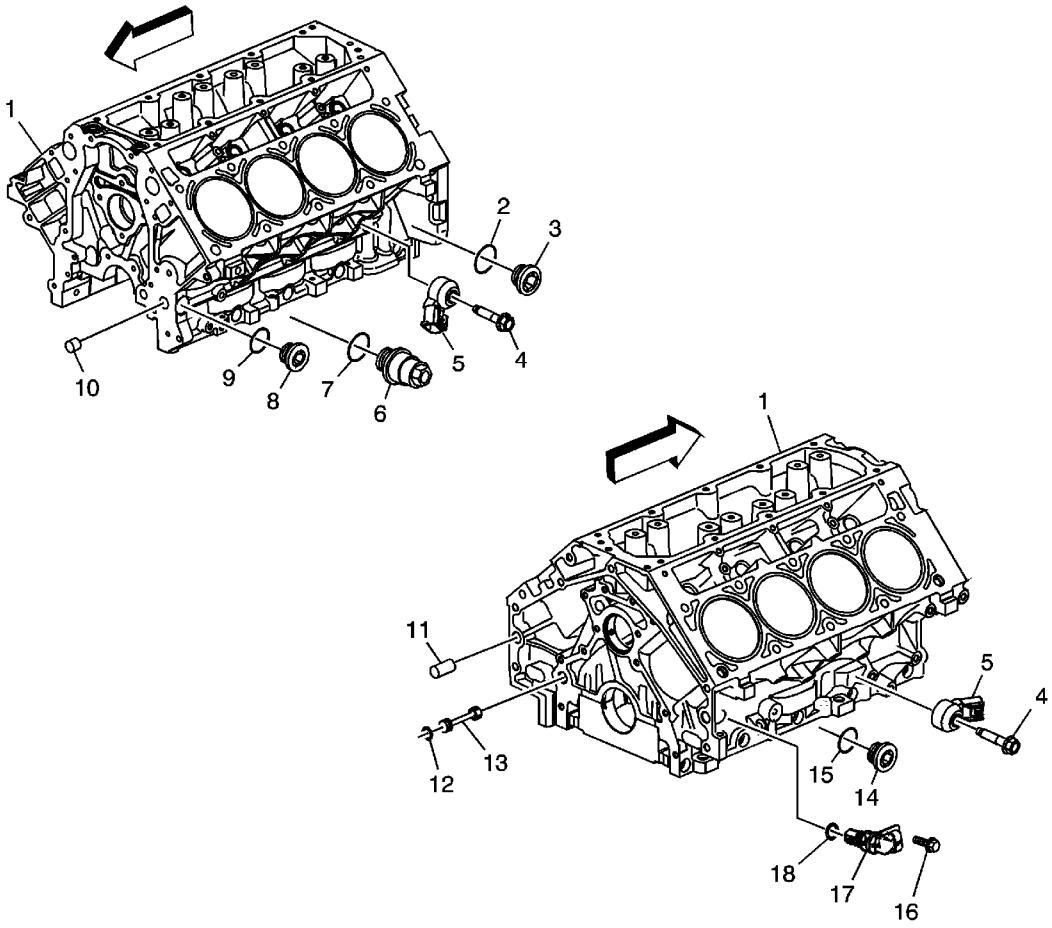
(12) Crankshaft Main Bearing
(12) Crankshaft Main Bearing
(13) Crankshaft Thrust Bearing
(13) Crankshaft Thrust Bearing
(14) Crankshaft Balancer Key
(15) Crankshaft
(16) Crankshaft Bearing Cap
(17) Crankshaft Bearing Cap Bolt - M8
(18) Crankshaft Oil Deflector
(19) Crankshaft Oil Deflector Stud - M10
(20) Crankshaft Oil Deflector Bolt - M10
(21) Nut
(22) Oil Pan Gasket
(23) Bolt
(24) Oil Pan Baffle
(25) Active Fuel Management Oil Pressure Relief Valve
(26) Washer
(27) Oil Pan Cover Gasket
(28) Oil Pan Cover
(29) Bolt
(30) Oil Pan Closeout Cover - Left
(31) Bolt
(32) Oil Pan Bolt - M6
(33) Oil Pan Drain Plug
(34) Oil Filter
(35) Oil Filter Fitting
(36) O-Ring
(37) Oil Pan Bolt - M8
(38) Oil Pan
(39) Engine Closeout Cover - Right
(40) Bolt
(41) Oil Pump Screen
(42) O-Ring
(43) Nut
(44) Bolt

Engine Block Plugs/Sensors



(1) Engine Block
(1) Engine Block
(2) Washer
(3) Oil Gallery Plug - Side
(4) Bolt
(4) Bolt
(5) Knock Sensor
(5) Knock Sensor
(6) Engine Coolant Heater
(7) Washer
(8) Oil Gallery Plug - Side

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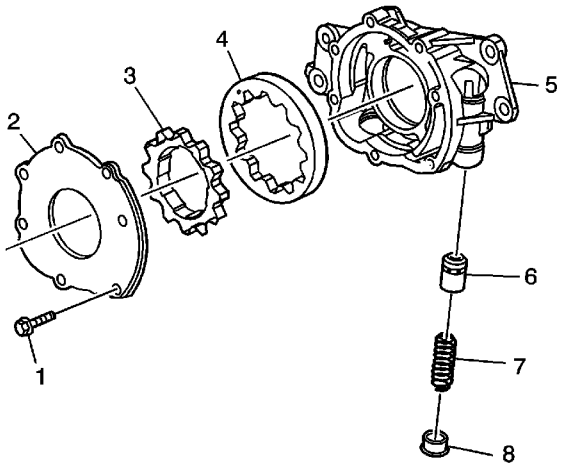
(9) Washer
(10) Oil Gallery Plug - Front
(11) Transmission Housing Locating Pin
(12) O-Ring
(13) Oil Gallery Plug - Rear
(14) Engine Block Coolant Drain Hole Plug
(15) Washer
(16) CKP Sensor Bolt
(17) Crankshaft Position (CKP) Sensor
(18) O-Ring

Oil Pump Assembly



(1) Bolt
(2) Oil Pump Housing Cover
(3) Oil Pump Drive Gear
(4) Oil Pump Driven Gear
(5) Oil Pump
(6) Oil Pump Pressure Relief Valve
(7) Oil Pump Pressure Relief Valve Spring
(8) Oil Pump Housing Plug

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